

PROCEEDINGS OF THE FIFTY-FIFTH ANNUAL MEETING

JAMES TATE, JR., SECRETARY

At the invitation of the University of Michigan Biological Station, the Michigan Audubon Society, and the Kalamazoo Nature Center, the Fifty-fifth Annual Meeting of the Wilson Ornithological Society was held at the University of Michigan Biological Station from Thursday, 6 June, through Sunday, 9 June 1974. The Council met in the Lakeside Laboratory Conference Room on Thursday evening. On Friday evening the film "Tip o' the Mitten" was presented by O. S. Pettingill, Jr., followed by a reception in the Residence Hall. Field trips on Friday and Saturday mornings were conducted to Reese's Bog, an ancient lakeshore bog noted for its abundance of bird life. The annual banquet was held in the cafeteria on Saturday, and a superlative slide-film presentation by Dr. and Mrs. W. Powell Cottrill followed in the Lakeside Laboratory. On Sunday many registrants took part in a field trip to the Kirtland's Warbler Management Area near Mio, or to Upper Michigan, visiting the Adams Trail, Birch Lakes, the Kingston Plains, and Seney National Wildlife Refuge.

The recipients of Wilson Society prizes announced at the annual meeting were as follows:

Louis Agassiz Fuertes Award: David S. Dobkin, Colorado State University—Effects of sympatry and allopatry on vocalizations of Rufous-sided and Green-tailed Towhees.

Margaret M. Nice Award: Arthur J. Wiseman, Cincinnati, Ohio—Body weight changes of the American Goldfinch.

Ernest P. Edwards Prize: Two Prizes given jointly rather than first and second prizes—Joseph R. Jehl, Breeding biology and sympatric relationships of the Stilt Sandpiper, and Storrs L. Olson—A Classification of the Rallidae.

Alexander Wilson Prize: Ralph E. Babcock, Kalamazoo, Michigan—Long-range pioneering: a mode of dispersal and range expansion.

Following the presentation of the Alexander Wilson Prize, Mr. Babcock made a thoughtful allocation of his prize. The text of a statement by Mr. Babcock follows:

I would like to express my sincere thanks to the Wilson Ornithological Society for the recognition of my paper, "Long-range pioneering: a mode of dispersal and range expansion," which was awarded the Alexander Wilson Prize for the best student paper presented at the 55th Annual Meeting held 6-9 June at the University of Michigan Biological Station, Douglas Lake, Pellston, Michigan.

At some time in our pursuit of activities, we all encounter some individual who has had great influence on our work. In recognition of the teaching, research and guidance of my major advisor, Dr. Richard Brewer, I would like to donate the prize money to the Michigan Audubon Society, to establish a research award to be given annually for the best paper, authored and published in the *Jack-Pine Warbler*, by a student. The recipient will be determined by the editorial board and the research committee of the M.A.S. The award will be entitled the BREWER RESEARCH AWARD, in recognition of his ecological and ornithological research and the guidance he has given past, present and will give to his future students.

This award to be given annually will be a sum of \$50.00.

I hope this award will stimulate students to publish research that otherwise does not get into print.

I also solicit support from the ornithological and ecological community to contribute to this fund and make the award a long-term sustaining award. Contributions can be made to the Michigan Audubon Society, 7000 N. Westnedge Ave., Kalamazoo, Michigan 49007.—RALPH E. BARCOCK

FIRST BUSINESS MEETING

The first business meeting was called to order by President Parkes at 09:30 Friday in the Lakeside Laboratory meeting hall. The minutes of the business meeting held at Chapel Hill, North Carolina were approved by the membership as published in *The Wilson Bulletin* (85:366–378, 1973). The President appointed the following temporary committees:

Alexander Wilson Prize: Abbott S. Gaunt, Chairman.

Auditing: William A. Klammer, Chairman; Ernest Hoover.

The Nominating Committee was announced as: Phillips B. Street, Chairman; Pershing B. Hofslund, Jeff Swinebroad.

The standing *Resolutions Committee*, chaired by Robert D. Burns was called upon to give a first reading to resolutions that had been submitted prior to the First Business Meeting. Chairman Burns read the following two resolutions:

WHEREAS the Wilson Ornithological Society, on 19 May 1973, in the course of its 54th Annual Meeting, held at Chapel Hill, North Carolina, adopted a Resolution urging the Bureau of Sport Fisheries and Wildlife and the Department of the Interior to adopt and implement more stringent regulations restricting the importation of exotic species of wildlife into the United States, and,

WHEREAS the Bureau of Sport Fisheries and Wildlife published in the *Federal Register*, on 20 December 1973, proposed regulations regarding the importation of injurious wildlife, which accept the biological fact that any species of wildlife is potentially harmful to the interests of human beings, to the interests of agriculture, horticulture, forestry, wildlife, or to the wildlife resources when introduced into a new environment, and

WHEREAS these regulations would reduce and more effectively regulate the importation of exotic wildlife into the United States,

THEREFORE, BE IT RESOLVED that the Wilson Ornithological Society expresses its appreciation to the Bureau of Sport Fisheries and Wildlife for proposing these regulations and expresses its support for the proposed regulations, and

BE IT FURTHER RESOLVED that the Society urges the Bureau to include in its regulations provision for the importation of wildlife, under permit and with adequate control, to be used for scientific and educational purposes.

WHEREAS the Caroni Swamp located in Trinidad is a valuable and the most accessible breeding area of the Scarlet Ibis, and

WHEREAS a liquid gas barge owned by Shell Oil (Trinidad) Limited is presently permitted to pass through Caroni Swamp, and

WHEREAS the Caroni Swamp is a bird sanctuary and an important tourist attraction for Trinidad,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society is opposed to any industrial activity in the main part of the Swamp, that is, the area between the Caroni River, the North/South Drain, the Madam Espagnol River, and the Gulf of Paria,

BE IT FURTHER RESOLVED that the Wilson Ornithological Society encourages the Government of Trinidad to declare the extremely valuable Caroni Swamp a National Park. The Secretary reported on highlights of the Council meeting of the previous evening. The 1975 meeting of the Wilson Ornithological Society will be held jointly with the Cooper Ornithological Society during the second week of June at Bozeman, Montana.

Report of the Treasurer—1973

FINANCIAL STATEMENTS

GENERAL FUNDS

Balance as shown by last report 31 December 1972 \$15,273.54

RECEIPTS

Membership Dues		
Active for 1973	\$ 3,682.00	
Active for 1974	6,128.00	
Total Active		\$ 9,810.00
Sustaining for 1973	210.00	
Sustaining for 1974	450.00	
Total Sustaining		660.00
Subscriptions to <i>The Wilson Bulletin</i>		
For 1973	2,376.00	
For 1974	3,162.88	
Total Subscriptions		5,539.63
Sales of back issues of <i>The Wilson Bulletin</i>		635.70
Interest and Dividends on Savings and Investments		
Income from General Endowment Fund	3,399.42	
Income from G. M. Sutton Colorplate Fund	390.68	
Total Interest and Dividends		3,790.10
Royalties from microfilming back issues of		
<i>The Wilson Bulletin</i>		226.98
Total Receipts		\$20,662.41

DISBURSEMENTS

<i>The Wilson Bulletin</i> (Printing and Engraving)	\$13,612.06	
Less contributions from authors and others	568.00	
Printing and Engraving Expense		\$13,044.06
<i>The Wilson Bulletin</i> (Additional Mail and Service)		379.28
Editor's Expense		391.41
President's Expense		103.87
Review Editor's Expense		53.35
Secretary's Expense		105.77
Treasurer's Expense		327.77
Committee Expense		39.00
Annual Meeting Expense		199.84
Transfer to Research and Grant-in-Aids		235.00
Bank Charges65

International Council for Bird Protection	30.00
Miscellaneous Expense	2.00
Total Disbursements	\$14,912.00
Excess of Receipts over Disbursements	\$ 5,750.41

GENERAL CASH FUND

Checking Account	10,059.15
Savings Account	10,964.80
Balance in Peoples Bank, Starkville, Mississippi, 31 December 1973	\$21,023.95

JOSSELYN VAN TYNE MEMORIAL LIBRARY FUND

Balance as shown by last report, 31 December 1972	\$ 407.20
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RECEIPTS

Sale of duplicates and gifts	114.32
Total Balance and Receipts	521.52

DISBURSEMENTS

Purchase of books	215.74
Balance in Peoples Bank, Starkville, Mississippi, 31 December 1973	\$ 305.78

LOUIS AGASSIZ FUERTES RESEARCH FUND, MARGARET MORSE NICE FUND,
EDWARDS AND W.O.S. PAPER FUNDS

Balance as shown by last report dated 31 December 1972	\$ 152.00
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RECEIPTS

Contributions	408.00
Transfer from General Fund	235.00
Total	\$ 795.00

DISBURSEMENTS

Grant-in-aid	
To Robert C. Eckhardt	\$ 200.00
To Richard L. Glinski	100.00
To Ralph W. Schreiber and Robert W. Risebrough	150.00
To Russell P. Balda, Gary C. Bateman, and Gene F. Foster	50.00
To C. John Ralph	100.00
Total	600.00
Balance in Peoples Bank, Starkville, Mississippi, 31 December 1973	\$ 195.00

AARON MOORE BAGG STUDENT MEMBERSHIP AWARD FUND

RECEIPTS

Contributions	\$ 200.00
Balance in Peoples Bank, Starkville, Mississippi, 31 December 1973	\$ 200.00

SPECIAL FUND ACCOUNT

Balance as shown by last report 31 December 1972 244.50

RECEIPTS

Prepaid Students Dues	\$ 0.00	
Advanced Renewals	208.75	
Discount Due Agencies	0.00	
Total Receipts		208.75
Total		453.25

DISBURSEMENTS 100.00

Balance in Peoples Bank, Starkville, Mississippi, 31 December 1973 \$ 353.25

ENDOWMENT FUND, GENERAL ENDOWMENT FUND

Balance in Endowment Savings Account as shown by last report,

31 December 1972 \$14,972.50

RECEIPTS

Life Membership Payments 1,812.50

Balance in Endowment Savings Account, Peoples Bank, Starkville,

Mississippi, 31 December 1973 16,785.00

Investments held as of 31 December 1973

United States Government bonds	\$ 4,890.50
Canadian Provincial bonds	4,162.50
Corporate bonds	8,550.00
Convertible corporate bonds	2,775.00
Convertible preferred bonds	11,277.50
Common stocks	47,866.38
Investment trusts	7,583.00
Uninvested principal	10.00

Total Investments \$ 87,114.88

Total General Endowment Fund, 31 December 1973 \$103,899.88

GEORGE MIKSCH SUTTON COLORPLATE FUND

RECEIPTS

Contributions 20,000.00

Investments held as of 31 December 1973

Canadian Provincial bonds	\$ 5,112.50
Equipment Trust Certificates	9,675.00
Common Stocks	3,200.00
Uninvested principal	1,569.85

Total Investments 19,557.35

Total, Combined Wilson Ornithological Society Endowment Funds,

31 December 1973 \$123,457.23

Respectfully submitted,
JEROME A. JACKSON, *Treasurer*

Report of the Secretary—1973

Immediately following the 1973 Annual Meeting the Secretary prepared the Proceedings for publication in *The Wilson Bulletin*. They appeared in Volume 85(3):366–378.

At the recommendation of the President I looked into the state of the Secretary's records and searched files at Cornell University and the University of Nebraska for possible archival materials. I was able to assemble a nearly complete set of minutes of Council meetings. A number of files would be suitable for inclusion in archives, and additional files will probably turn up with further checking. Before contacting past officers and others for possible inclusion in an official archive, I felt that we must settle the question of a repository first. Cornell University's Departments of Archives and Regional History seemed a reasonable place to inquire because of their large existing ornithological collections. They were not interested in more than the bare minimal files to reflect the History of the Society. The University of Michigan, due to its function as permanent address for the Wilson Ornithological Society and its retention of the W.O.S. library may well be interested. I would like to ask the wisdom of the Council on this point before proceeding to gather further potential material for archives.

The announcement, program and abstracts were prepared from material provided by local Chairman H. Lewis Batts, Jr. and Second Vice-president D. A. James. They were then edited, printed, and delivered by the secretary.

The Secretary encountered unusual delays in delivery of envelopes addressed to the membership from Allen Press, which holds our addressograph list. As a result the announcement did not reach some members until close to the deadline for papers. A full program of papers was easily obtained by the Second Vice-President however.—JAMES TATE, JR., *Secretary*

Report of the Editor—1973

Since becoming editor in June 1973, I have received 194 manuscripts, not counting book reviews, notes and news, and the President's Page. Some of the 194 manuscripts were revisions initially received under the previous editor, but the bulk was new. As of the date of this report, the fate of the manuscripts has been as follows: published 48; in press 37; accepted 5; out for refereeing 23; returned for revision 47; rejected 34.

On a volume-by-volume basis, the following is the status of Vol. 86:

- No. 1, March: 96 pp., 8 papers, 18 notes, 5 book reviews, 1 color plate; issued on 21 March 1974.
- No. 2, June: 100 pp., 10 papers, 12 notes, 9 book reviews, 1 color plate; issued on 8 May 1974 (early issue date to circulate Bulletin before the annual meeting).
- No. 3, September: pp. unknown, 16 papers, 12 notes, and several reviews (not all of this material will be used), 1 color plate (Madagascar Crested Ibis); in press and expected on time.
- No. 4, December: pp. unknown, so far 2 papers and 3 notes accepted, but will include some holdover material from September galleys, 1 color plate (2 new species of tanager) expected to be on time.

Additional color plates received and to be processed:

- Hybrid *Passerina* buntings (paper by Emlen, Rising, and Thompson for 1975)
- Edithornis* rail (paper by Storrs Olson for 1975)

Processing time was calculated, from time of receipt of any original manuscript (including those revised under previous editor) to acceptance:

44 papers published (Mar., June) or in press (Sept.)—110½ days S. D. 79½ days
46 notes (same specifications)—70 days S. D. 65 days

Based on 3½ months press time, the lead time can be put at about 7 months for a paper and just under 6 months for a note in Volume 86.

Part of the successful stream-lining in manuscript processing has been the introduction of a broader spectrum of forms, including one for referees. Referees are urged to return papers within one month and notes within one week, and to encourage this I have enclosed a self-addressed (to the editor) envelope with the manuscript. In addition, I acknowledge receipt of manuscripts returned by referees, both to express appreciation and to assure them of their safe arrival. Referees processed manuscripts at the following rates (March–September material): papers 23 days S. D. 20 days, notes 13½ days S. D. 13 days.

Needless to say, I am most gratified at this response, and a list of referees will be published in the December issue, along with my expressed thanks.

Several changes were made in the layout of the *Bulletin* for 1974. These include:

1. Elimination of the address of the editor's institution on the front outside cover.
2. Moving of the Table of Contents to the outside back cover, thus allowing us to avoid wasting this page when a year's issues were bound.
3. Moving the masthead to the top of the first page in each issue, a change necessitated by the removal of the Table of Contents to the back cover.
4. Placement of the date of acceptance of each paper and note.

In addition, I informally dissolved the Editorial Board, although I continued to use the services of its former members.

In closing, I express my appreciation to the authors, referees, Allen Press, Len Beach Associates, Peter Stettenheim (review editor), William Lunk (color plate editor), David Niles (index editor), and the many others who helped me as editor of *The Wilson Bulletin*.—JOHN P. HUBBARD, Editor

The President reported the confirmation by the Council of Jerome A. Jackson as new editor of *The Wilson Bulletin*. Reports of several of the committees which reported to the Council Meeting were then summarized. Abbreviated versions of these reports appear here.

Report of the Research Committee—1973

Your committee recommends that the Fuertes Award go to Mr. David S. Dobkin, Department of Zoology and Entomology, Colorado State University, Fort Collins, Colorado 80521. The title of his research project is "Effects of sympatry and allopatry on vocalizations of Rufous-sided and Green-tailed Towhees." Mr. Dobkin ranked well ahead of all but one other applicant for the Fuertes Award. The other candidate, Mr. Mike Mossman, withdrew his application on 20 May 1974, because he received sufficient financial support from other sources. There were four other strong proposals, but none of these ranked sufficiently above the others to be recommended for a second award. Nineteen people completed the application process, i.e., did more than write letters of inquiry or request forms; one of these, as noted above, later withdrew his name when he received

other support. Very few people who wrote letters indicating interest in applying did not do so.

For the Nice Award the committee recommends Mr. Arthur J. Wiseman of 2073 Hanison Avenue, Cincinnati, Ohio 45214. The title of his research project is "Body weight changes of the American Goldfinch." Only two applicants qualified for the Nice Award, and one of these was a borderline student. As often stated by Nolan in previous years, this award needs to be advertised more broadly. It is perhaps worth considering the possibility of putting undergraduates into the category of the Nice Award, as well as people not affiliated with a college or university. Undergraduates tend to have few institutional monies available to them and, in terms of quality and professional polish, their applications do not compete very well with those of graduate students. In the past years the number one candidate was always a well-advanced graduate student.—FRANK B. GILL, *Chairman*

Report of the Membership Committee—1973

Following Norman Ford's retirement as Chairman of the Membership Committee, I agreed to President Parkes' request that I take over those duties. One of my first activities was to try to determine what might be the duties of the Membership Committee, for it occurred to me that the Committee might have functions beyond a simple recruitment of new members. A review of past reports indicated that one such function might be the maintenance of membership. Accordingly I wrote to each member of the Committee, requesting that they remain for the coming year and polling their views with regard to possible functions of the Committee. Responses were received from several Committee members, and a summary of their ideas has been compiled and presented to President Parkes.

I have retained on the Membership Committee all those who responded positively to my inquiries or who have continued to contribute new members. The present Membership Committee is composed of 20 members, located in 14 states and Ontario, with the heaviest representation in the Middle Atlantic states. I am now in the process of recruiting additional Committee members to give us representation in New England (which was a surprisingly large gap in our coverage) and additional representation in the Midwest.

In addition to the individuals who responded to my initial circular, several members of the old Committee have continued to be active. Among these is Mrs. John Lueshen, who deserves special commendation for once again being the leading individual recruiter (8) on the Committee.

The Membership ad placed in the Sept. 1973 issue of *The Wilson Bulletin* has proven effective. Doug James received a number of applications that he forwarded to me. Each of those nominees then received a letter, an application form, and a pamphlet about the Society. To date we have had positive responses from 14 (about 10 percent of our new members) of these individuals. I would, therefore, recommend that such an ad be run on an annual basis, but that one change be made. Namely, that the ad be clearly divided into a student and non-student section with the addresses of both the Student Membership Committee and regular Membership Committee chairmen appropriately affixed. This should save considerable cross-mailing.

As of 13 May the Society has recruited a total of 163 new members. During the year 1973-74 we also lost 121 members, through death (8), resignation, suspension, or lack of forwarding addresses. This gives us a net gain of 42 members. Thus, for the second consecutive year we have gained more members than we lost. The new members represent 41 states, 3 Canadian provinces, and 4 foreign countries (one represented by a

Peace Corps member). Twenty-three new members were recommended by 11 members of the Membership Committee, 15 by Doug James, and 70 by the Treasurer, Jerry Jackson. The rest were recommended by 45 members of the Society, some of them past members of the Membership Committee.

Utilizing the information provided on the back of the application cards, I have attempted to compile some sort of a profile of "the new member." It must be noted that not all of the cards were filled out, and the profile may be somewhat biased. However, within those limitations, the typical new member is male (145 vs 28), has at least a bachelor's degree (82 of 108), but continues as a student (59). He was born between 1946 and 1955 (62 of 109). If he is not a student, he is a professional biologist (20) and/or is employed by an educational institution (21). It is difficult to ascertain the true interests of many recruits, as the categories listed on the back of the application card tend to bias the data. It should be noted, however, that 45 individuals expressed an interest in photography, 45 in life histories, 38 in conservation, and 34 in bird banding. A number of other individuals also wrote in various other interests, many of them related to more specialized aspects of field studies. What is perhaps of interest to the Society is that, with the possible exception of behavior (21), only one individual indicated an interest in any of the experimental or laboratory aspects of ornithology (anatomy and physiology). Either such people are extremely rare, they are not joining The Wilson Society, or the special interests listed on the card tended to direct responses away from those areas. This profile, then, strongly fits the image projected in President Parkes' recent discussion of his views of the Society in the President's Page (*The Wilson Bulletin*, September, 1973).—A. S. GAUNT, *Chairman*

Report of the Student Membership Committee—1973

In contrast to the other years since 1970, this past year was a relative success for the Committee, but it still far from equalled the number of potential new student members contacted in the banner year of 1970.

Noting the dismal failure of the annual notice in *The Wilson Bulletin* in stimulating the nomination of new student members (there were only two or three responses a year), I made a recommendation at the Council meeting in Chapel Hill last year that I felt might improve matters. I suggested that a form for nominating student members be included in the annual mailing requesting dues payment, emphasizing that the only time there was a good response to a request for student nominations was when members were contacted directly. After some discussion it was decided instead to print my form, which also asked for non-student nominations, in the September 1973 issue of *The Wilson Bulletin*. This was innovative and 16 responses produced 28 student nominations. These nominees were sent invitations to join the Society by the Student Membership Committee. We do not know how many actually elected to join, but nevertheless the number of nominations was greater than received in the immediately preceding years.

By contrast, the direct mailing in 1970 to the 429 members then associated with educational institutions produced 188 student nominations from 55 responses of which 40 nominees accepted the invitation to join the Society. Thus, I conclude that although the published membership form is very helpful, it still would be worthwhile to have a direct mailing requesting student nominations. For the sake of economy it would be best to include the form with the annual dues notice.

In addition, the Committee processed seven student nominations from other sources. Some of these no doubt were stimulated by the published nomination form.

The committee continued its annual practice of contacting natural history organizations, nature centers, and other science-oriented public institutions around the country, asking for nominations of promising pre-college students who exhibit a special interest in natural history and bird study. This year 47 mailings to 9 western states produced no responses. Last year the responses from the states in the Southeast and Great Plains had just begun to arrive by the time of the Chapel Hill meeting. We can now report that there was a total of 12 such nominations received. (This effort proceeds year by year on a region by region basis.)—DOUGLAS JAMES, *Chairman*

Report of the Conservation Committee—1973

Following the pattern established in 1971, the Conservation Committee addressed itself to specific problems suggested to the Committee through the President. The work of the Committee for 1973 consisted of two timely and important reports to be published in their entirety in future issues of *The Wilson Bulletin*. The reports are entitled "Report on the status of Sandhill Cranes," and "Report on eagles."

Lists of new members were posted in the meeting hall by the Secretary. There being no further business, the President closed the first business meeting at 09:54.

SECOND BUSINESS MEETING

President Parkes called the meeting to order at 14:40 on Saturday. The Auditor's Report was given and is reproduced here.

Report of the Auditor—1973

We are pleased to tell you that the report of the Treasurer, the books of records, and the financial statements of the banks have been examined and reconciled satisfactorily for the close of 31 May 1974.—WILLIAM A. KLAMM, *Chairman of Auditing Committee*

Robert D. Burns, Chairman of the *Resolutions Committee* read the two resolutions offered earlier, and both were passed by the membership. In addition, the following resolution was presented.

WHEREAS the Wilson Ornithological Society has held its fifty-fifth annual meeting at the University of Michigan Biological Station on Douglas Lake in northern Michigan, from 6 through 9 June 1974, and

WHEREAS the members have received much knowledge, fellowship, inspiration, and new dedication from the efforts of the Local Committee on Arrangements chaired by H. Lewis Batts, by the Michigan Audubon Society, Kalamazoo Nature Center and the University of Michigan Biological Station,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society expresses its most sincere appreciation to the sponsoring organizations and to the extraordinarily efficient local committee on arrangements for a most memorable meeting.

BE IT FURTHER RESOLVED that the Society's special thanks are due to David Gates, director of the Biological Station; William L. Foster, Olin Sewall Pettingill and H. Lewis Batts.

This resolution was accepted by the membership. The list of new members was accepted and voted into membership.

Phillips Street, Chairman of the *Nominations Committee* proposed the following slate of officers: For President, Kenneth C. Parkes; First Vice-President, Andrew J. Berger; Second Vice-President, Douglas A. James; Secretary, James Tate, Jr.; Treasurer, Ernest Hoover; Elective Member of the Council (three years), Helmut C. Mueller. There be-

ing no further nominations, the nominations were closed. A unanimous ballot was cast for the proposed slate.

The President closed the second business meeting at 15:04.

PAPERS SESSIONS

- Gustav A. Swanson, Colorado State University, Fort Collins, Colorado, *Management for Songbirds on a Retired Farm in Upstate New York*
- William G. George, Department of Zoology, Southern Illinois University, Carbondale, Illinois, *Domestic Cat Predation on Birds during Seven Consecutive Nesting Seasons in an Agro-Wildlife Habitat.*
- Harry M. Ohlendorf, Erwin E. Klass, and T. Earl Kaiser, Patuxent Wildlife Research Center, Laurel, Maryland, *Organochlorine Residues in Black-crowned Night Heron Eggs*
- S. C. Kendeigh, University of Illinois, Champaign, Illinois, *Bioenergetic Control of Latitudinal Distribution in the House Sparrow.*
- Barbara A. Lensing and Thane S. Robinson, Department of Biology, University of Louisville, Louisville, Kentucky, *Preliminary Observations of Barn Swallow Energetics.*
- Dennis M. Forsythe, Department of Biology, The Citadel, Charleston, South Carolina, and Department of Zoology, Clemson University, Clemson, South Carolina, *Individual and Geographic Variation in the Advertising Song of Indigo Buntings.*
- Robert W. Storer, Museum of Zoology, University of Michigan, Ann Arbor, Michigan, *Sanbathing in Grebes.*
- Debbie Good, Bird Populations Institute, Division of Biology, Kansas State University, Manhattan, Kansas, *Morphological Variation, Search-Pursuit Strategies, Degree of Specialization, and the Evolution of Morphological Variation.*
- Harold F. Mayfield, Waterville, Ohio, *Kirtland's Warbler and Its Preservation.*
- Nicholas L. Cuthbert, Central Michigan University, *Kirtland's Warbler Reproductive Success with Cowbird Control in Sample Areas.*
- William F. Shake, U.S. Bureau of Sport Fisheries and Wildlife, Lansing, Michigan, *Cowbird Control on Kirtland's Warbler Nesting Areas.*
- Lawrence H. Walkinshaw, Muskegon, Michigan, *Survival of Kirtland's Warblers from Eggs Laid before and after Cowbird Removal in Crawford County, Michigan.*
- Robert B. Payne, University of Michigan Museum of Zoology, *How Many Eggs Do Brown-headed Cowbirds Lay?*
- Warren P. Faust, Ann Arbor, Michigan, *Are the Kirtland's Warblers of Crawford, Oscoda, and Ogemaw Counties Members of a Single Freely Interbreeding Population?*
- Daniel S. McGeen, Pontiac, Michigan, *The Kirtland's Warbler and Population Theory.*
- Lawrence H. Walkinshaw and Ronald Hoffman, Muskegon, Michigan, *Southern Michigan Sandhill Crane, Increase and Spread.*
- Ronald A. Ryder, Department of Fishery and Wildlife Biology, Colorado State University, Fort Collins, Colorado, *Distribution, Status and Movements of White-faced and Glossy Ibises Nesting in the United States.*
- Harvey I. Fisher, Department of Zoology, Southern Illinois University, Carbondale, Illinois, *Longevity of the Laysan Albatross, Diomedea immutabilis.*
- Clait E. Braun, Colorado Division of Wildlife, Fort Collins, Colorado, *Investigations of Band-tailed Pigeons in Mexico.*
- Ralph E. Babcock, Department of Biology, Western Michigan University, Kalamazoo, Michigan, *Long Range Pioneering: A Mode of Dispersal and Range Expansion.*

- James W. Patus and Jose A. Rivera, P. R. Nuclear Center, Radioecology Division, Mayaguez, Puerto Rico, *Environmental Baseline Studies of the Avifauna of Jobos Bay, Puerto Rico*.
- Wayne C. Weber, Biology Department, Capilano College, Vancouver, British Columbia, Canada, *Urban Bird Populations in Vancouver, Canada*.
- George A. Hall, West Virginia University, Morgantown, West Virginia, *A Twenty-five Year Population Study of an Appalachian Spruce Forest*.
- John L. Zimmerman and John L. Tatschl, Division of Biology, Kansas State University, Manhattan, Kansas, *Floodplain Succession and Intraspecific Mensural Variation*.
- Richard Brewer and Keith G. Harrison, Department of Biology, Western Michigan University, *When Does Habitat Selection by Birds Occur?*
- Richard S. Boswell and Elden W. Martin, Department of Biological Sciences, Bowling Green State University, Bowling Green, Ohio, *Reproductive Success of Great Horned Owls in Northern Ohio*.
- William J. Francis, Ohio Field Station, Patuxent Wildlife Research Center, U.S. Bureau of Sport Fisheries and Wildlife, Sandusky, Ohio, *Clutch Size and Nesting Success in Red-winged Blackbirds*.
- Larry C. Holcomb, Department of Biology, Creighton University, Omaha, Nebraska, *Pituitary Prolactin in Red-winged Blackbird Females in Pre-breeding*.
- Charles M. Weise, Zoology Department, University of Wisconsin—Milwaukee, Milwaukee, Wisconsin, *Population Dynamics of the Black-capped Chickadee in Southern Wisconsin*.
- Dennis P. Duika, Ralph E. Babcock, Keith G. Harrison, and Stephen Miller, Dept. of Biology, Western Michigan University, Kalamazoo, Michigan, *Interspecific Dominance Relationships at Southwestern Michigan Winter Bird Feeders*.
- Ralph W. Dexter, Kent State University, Kent, Ohio, *Change of Prospective Mates, Replacement, Sharing and Shifting of Mates in a Nesting Colony of Chimney Swifts*.
- Jean H. Schulenberg, Admire, Kansas, and Thomas G. Shane, Junction City, Kansas, *Tree and Harris' Sparrow Associations*.
- Stephen Fretwell, Bird Populations Institute, Division of Biology, Kansas State University, Manhattan, Kansas, *Population Regulation in the Dickcissel*.
- Arlo Raim, Section of Wildlife Research, Illinois Natural History Survey, Urbana, Illinois, *Territory Shifting of Bobolinks on a Michigan Grassland*.
- Daniel E. Bowen, Bird Populations Institute, Division of Biology, Kansas State University, Manhattan, Kansas, *Nest Site Selection in a Prairie Community*.

ATTENDANCE

- From COLORADO: Fort Collins, Clait Braun, R. Ryder, Gustav Swanson; Littleton, James Tate, Jr., D. Jean Tate.
- From CONNECTICUT: Wallingford, Karl Tolonen.
- From WASHINGTON, D.C.: Douglas James.
- From FLORIDA: Daytona Beach, Mr. and Mrs. Ralph Branch; Winter Haven, Peggy Macqueen.
- From HAWAII: Honolulu, Andrew Berger.
- From ILLINOIS: Carbondale, Mr. and Mrs. Harvey Fisher, Mr. and Mrs. William George; Champaign, Mr. and Mrs. S. Kendeigh; Chicago, Arlo Raim; Colchester, Mr. and Mrs. Edwin Frank; DeKalb, Mr. and Mrs. W. Lory and Edith Reid, William Southern.

- From INDIANA: *Anderson*, Mr. and Mrs. John Goodman and Robert Hignell; *Bloomington*, Mr. and Mrs. Robert Johnson; *Lafayette*, Mrs. S. McSorley; *Terre Haute*, Mr. and Mrs. James Mason; *West Lafayette*, Edward Hopkins.
- From IOWA: *Cedar Rapids*, Mr. and Mrs. Robert Vane.
- From KANSAS: *Manhattan*, John Zimmerman, Dan Bowen, Phil Elliot, Stephen Fretwell, Debbie Good, Tom Shane, John Tatschl.
- From KENTUCKY: *Anchorage*, Mr. and Mrs. Burt Monroe; *Louisville*, Barbara Lensing, Mr. and Mrs. Thane Robinson.
- From MARYLAND: *Chesterton*, Mrs. Edward Mendinhall; *Laurel*, Harry Ohlendorf, Mr. and Mrs. Chandler Robbins, Jay Sheppard; *Wheaton*, Mr. and Mrs. John Willoughby, *Columbia*, Mrs. James Plymire.
- From MASSACHUSETTS: *Manomet*, Mr. and Mrs. Paul Anderson; *Petersham*, Mr. and Mrs. John Fiske.
- From MICHIGAN: *Alma*, Mr. and Mrs. Lester Eyer; *Ann Arbor*, Robert Payne, Mr. and Mrs. Robert Storer; *Bloomfield Hills*, Mr. and Mrs. Neil Kelley; *Brigh-ton*, Mr. and Mrs. Grover Niergarth; *Detroit*, Mr. and Mrs. Lawrence Anderson, Mr. and Mrs. Howard Cox; *East Lansing*, Donald Douglass; *Engadine*, David Rocheleau; *Flint*, Jean Hoelzle; *Galesburg*, Mr. and Mrs. Ray Adams; *Grand Rapids*, Ernest Hoover; *Grayling*, Mr. and Mrs. George Wallace; *Harbor Springs*, Mr. and Mrs. William Dyer, Mr. and Mrs. William Freeman; *Holland*, Eldon Greij, Don Batema, Ann Rykstra, Dave Van Appledorn; *Honor*, Carl Freeman; *Jackson*, Mr. and Mrs. W. Powell Cottrille, Mr. and Mrs. Robert Whiting, Mr. and Mrs. Harold Wing; *Kalamazoo*, Mr. and Mrs. H. Lewis Batts, Alice Batts, Mr. and Mrs. Richard Brewer and family, Helen Burrell and Marie Thompson, Mr. and Mrs. Ray Deur, Monica Evans, Ann Fuller party, Linda Minckler, David Powell, Robert van Blaricom; *Mio*, Judy Elderidge, William Ervin, Craig Orr, William Shake; *Midland*, Mr. and Mrs. Eugene Kenaga; *Mt. Pleasant*, Mr. and Mrs. Nicholas Cuthbert; *Muskegon*, Mr. and Mrs. Lawrence Walkinshaw; *New Buffalo*, Mr. and Mrs. J. Beverly; *Pellston*, Mr. and Mrs. William Foster, Mark Paddock, Mr. and Mrs. O. Sewall Pettingill, Edna Danser, Robert Paterson; *Orchard Lake*, Mr. and Mrs. Thomas Bonino; *Rockwood*, Helen Horton; *St. Joseph*, Mr. and Mrs. Robert Bradburn; *Traverse City*, William Scharf, Gary Shugart; *Wayne*, Arthur Carpenter; *West Branch*, Jerry Weinrich; Sandy Baldauf, Kathy Bricker, Francie Cuthbert, Debbie Dawson, Ted Evans, Carol McAllister, Almuth Tschunko, Karen Wilson, Edward Pantillon.
- From MINNESOTA: *Collegeville*, Norman Ford; *Duluth*, Mr. and Mrs. Henry Roberts, Mr. and Mrs. P. Hofslund; *Minneapolis*, H. B. Tordoff; *St. Paul*, Mr. and Mrs. Thomas Savage.
- From MONTANA: *Bozeman*, Mr. and Mrs. Clifford Davis.
- From MISSOURI: *Cape Girardeau*, Mr. and Mrs. Paul Heye; *Columbia*, Mr. and Mrs. William Elder; *St. Louis*, Peg Feigley party, Mrs. Kathryn Arbos, Mr. and Mrs. Joel Massie, Mrs. Wiese.
- From MISSISSIPPI: *Starkville*, Mr. and Mrs. Jerome Jackson, T. Niemann.
- From NEBRASKA: *Omaha*, the Lawrence Holcomb party.
- From NEW JERSEY: *Mount Holly*, Mrs. Katherine Price; *Princeton*, D. Compton.
- From NEW YORK: David Zimmerman.
- From OHIO: *Ashtabula*, H. Blakeslee; *Bowling Green*, Richard Boswell, Mr. and Mrs. Elden Martin and family; *Cincinnati*, Mr. and Mrs. Arthur Wiseman; *Cleveland*, Mr. and Mrs. Harold Mahan; *Columbus*, Mr. and Mrs. A. Gaunt,

Bruce Kennedy; *Delaware*, William Stull party; *Gambier*, Robert Burns, Hank Krueger; *Kent*, Mr. and Mrs. Ralph Dexter; *Lakewood*, Mr. and Mrs. William Klamn; *Perrysburg*, Mr. and Mrs. Russell Burget; *Sandusky*, Mr. and Mrs. W. Francis; *Toledo*, Mr. and Mrs. J. M. McCormick; *Waterville*, Mr. and Mrs. Harold Mayfield; *Worthington*, Richard Brown.

From OKLAHOMA: *Norman*, Mr. and Mrs. Gary Schnell.

From PENNSYLVANIA: *Pittsburgh*, Mr. and Mrs. Ken Parkes; *Chester Springs*, Mr. and Mrs. Phillips Street.

From PUERTO RICO: *Mayaguez*, James Patus.

From NORTH CAROLINA: *Chapel Hill*, Mr. and Mrs. Helmut Mueller and family.

From SOUTH CAROLINA: *Charleston*, Mr. and Mrs. Dennis Forsythe; *Chester*, Mrs. W. Cornwell Stone.

From TENNESSEE: *Maryville*, R. Zaenglein party.

From TEXAS: *Austin*, Mr. and Mrs. Henry Henze.

From VIRGINIA: *Falls Church*, Mr. and Mrs. John Aldrich.

From WEST VIRGINIA: *Morgantown*, George Hall.

From WISCONSIN: *Custer*, Vincent Heig party; *Madison*, Mr. and Mrs. Joseph Hickey, George Allez, Steve Brick, Michael Jaeger, Sergej Postupalsky, Mr. and Mrs. Charles Weise and family.

From BRITISH COLUMBIA: *North Vancouver*, Wayne Weber.

From NEW BRUNSWICK: W. Reid McManus.

From ONTARIO: *Hamilton*, James Pringle; *Toronto*, Jon Barlow.

Also attending: R. Flexle, R. Gilreath, Marshall Mortenson, E. Rohrer, James Sieh.

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